

ACP-436 – Multi-Zyme

Date: 9/12/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** Multi-Zyme

**Other Means of Identification**

**Product Code** ACP-436

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use** Bacterial digestant/ Cleaner / Deodorizer / Uric acid digestant / Pet stains and more

**Details of the Supplier of the Safety Data Sheet**

**Manufacturer Address** Arrow Chemical Products, Inc.  
5933 W. KL Ave.  
Kalamazoo, MI 49009

**Emergency Telephone Number**

**Company Phone Number** 313-237-0277  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Hazard Statements**

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Signal Word** NONE

**Appearance:** Milky White Liquid

**Physical State:** Liquid

**Odor:** Pleasant

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a non-hazardous mixture of surfactants, fragrance and naturally occurring viable bacterial cultures. The exact concentration of ingredients are being withheld as a trade secret.

## 4. FIRST AID MEASURES

### First Aid Measures

<b>Inhalation</b>	Remove to fresh air if irritation occurs.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If symptoms persist consult a physician.
<b>Ingestion</b>	Rinse mouth and drink 1 or 2 glasses of water. Seek medical advice.
<b>Skin Contact</b>	If irritating to skin flush with water.

### Most Important Symptoms and Effects, both Acute and Delayed

<b>Symptoms</b>	May cause mild eye irritation if contact with eyes. Prolonged skin exposure could cause mild irritation.
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### Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Note to Physicians</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

### Specific Hazards Arising from the Chemical

This product is not expected to present a fire hazard.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Avoid contact with eyes. Do not taste or swallow.
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### Methods and Material for Containment and Cleaning Up

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Vacuum or sweep up avoiding generation of mists. Place in suitable container for disposal. Wash spill site with water. If bacterial contamination is an issue; use chlorine to kill the bacillus spores.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.
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**Conditions for Safe Storage, Including any Incompatibilities**

<b>Storage Conditions</b>	Keep containers tightly closed in a dry place with temperature between 40° F and 100° F. Keep out of the reach of children.
<b>Incompatible Materials</b>	Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits.

**Appropriate Engineering Controls**

**Engineering Controls**                      None under normal use conditions.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection**                      No protective equipment is needed under normal use conditions. If splashes are likely to occur, wear safety glasses with side shields.
- Skin and Body Protection**                      No protective equipment is needed under normal use conditions.
- Respiratory Protection**                      Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Pleasant
<b>Appearance</b>	Milky White Liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Milky White		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
pH	7 – 9		
Melting Point/Freezing Point	0°C / 32°F		
Boiling Point/Boiling Range	100°C / 212°F		
Flash Point	Not applicable		
Evaporation Rate	Not determined	Water = 1	
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.00		
Water Solubility	Soluble in water		
Explosive Properties	Not an explosive		
Oxidizing Properties	Not determined		
Shelf Life	1 year		
RVOC Content (%)	0%		

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Do not expose to extreme temperatures for long periods of time.

**Incompatible Materials**

Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

**Hazardous Decomposition Products**

None known based on information supplied.

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## 11. TOXICOLOGICAL INFORMATION

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**Information on Likely Routes of Exposure**

<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Eye Contact</b>	May cause temporary irritation on eye contact.
<b>Skin Contact</b>	This product is not expected to cause skin irritation.
<b>Ingestion</b>	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Component Information**

No specific test data for the product available.

**Information on Physical, Chemical and Toxicological Effects**

<b>Symptoms</b>	May cause mild eye irritation.
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**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

This product is not expected to be harmful to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

**Other Adverse Effects**

None Known

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Mutli-Zyme is beneficial to pour into drains to help digest and degrade organic matter.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Listed
<b>DSL</b>	Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

No components of this product contain chemical (s) that are subject to reporting levels established by SARA Title III, Section 313.

**US State Regulations**

**U.S. State Right-to-Know Regulations**

This product does not contain any substances above threshold limits that are regulated by State right-to-know.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	0	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Personal Protection</b>
	1	0	0	A

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**